

SEQUENCE LISTING

<110> Yang, Yeasing  
Burrell, Terrie

<120> Compositions and Methods for Detecting  
Human Immunodeficiency Virus 2 (HIV-2)

<130> GP117-03.UT

<150> 60/242, 620  
<151> 2000-10-23

<150> 60/280, 058  
<151> 2001-03-30

<160> 34

<170> FastSEQ for Windows Version 3.0

<210> 1  
<211> 40  
<212> DNA  
<213> HIV-2

<400> 1

gtgtgtgttc ccatctctcc tagtcggccgc ctggtcattc

40

<210> 2  
<211> 19  
<212> DNA  
<213> HIV-2

<400> 2

gtgtgtgttc ccatctctc

19

<210> 3  
<211> 20  
<212> DNA  
<213> HIV-2

<400> 3

tgtgttccca tctctcctag

20

<210> 4  
<211> 21  
<212> DNA  
<213> HIV-2

<400> 4

gttcccatct ctccttagtcg c

21

<210> 5  
<211> 20  
<212> DNA  
<213> HIV-2

<400> 5

tccttagtcgc cgccctggta

20

<210> 6  
<211> 19

Text 2: HIV-2 DNA sequence with primer mismatch

<212> DNA  
<213> HIV-2

<400> 6  
cctagtcgcc gcctggtca 19

<210> 7  
<211> 20  
<212> DNA  
<213> HIV-2

<400> 7  
tagtcggccgc ctggtcattc 20

<210> 8  
<211> 34  
<212> DNA  
<213> HIV-2

<400> 8  
aaaatcccta gcaggttggc gcccgaaacag ggac 34

<210> 9  
<211> 34  
<212> DNA  
<213> HIV-2

<400> 9  
gtccctgttc gggcgccaaac ctgctaggga tttt 34

<210> 10  
<211> 25  
<212> DNA  
<213> HIV-2

<400> 10  
cgggcgccaa cctgctaggg atttt 25

<210> 11  
<211> 18  
<212> DNA  
<213> HIV-2

<400> 11  
gtccctgttc gggcgccaa 18

<210> 12  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer mismatches HIV-2 sequence by deletion of  
two nucleotides and mutation at a third position

<400> 12  
cgggcgccac tgctagagat ttt 23

<210> 13  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Primer mismatches HIV-2 sequence by deletion of one nucleotide

<400> 13  
cgggcgccac ctgcttaggga tttt

24

<210> 14  
<211> 25  
<212> DNA  
<213> HIV-2

<400> 14  
ccctgttcgg gcgccaacacct qctag

25

<210> 15  
<211> 52  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> T7 promoter primer having a promoter sequence  
      appended at the 5' end of an HIV-2 complementary  
      primer sequence

<400> 15  
aatttaatac gactcaactat agggagacgg qcgcaccaacct gctaggatt tt

52

```
<210> 16
<211> 45
<212> DNA
<213> Artificial Sequence
```

<220>  
<223> T7 promoter primer having a promoter sequence  
      appended at the 5' end of an HIV-2 complementary  
      primer sequence

<400> 16  
aatttaatac gactcactat aqqqagaqtc cctgttcqqq cccca

45

<210> 17  
<211> 50  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> T7 promoter primer having a promoter sequence  
       appended at the 5' end of the sequence given as  
       SEQ ID NO:12

<400> 17  
aatttaatac gactcactat aqggagacqg qcqccactqc taqagatttt

50

<210> 18  
<211> 57  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> T7 promoter primer having a promoter sequence  
      appended at the 5' end of the sequence given as  
      SEQ ID NO:13

<400> 18

<211> 16		
<212> DNA		
<213> HIV-2		
<400> 26		
gtctgttagg accctt		16
<210> 27		
<211> 18		
<212> DNA		
<213> HIV-2		
<400> 27		
gtctgttagg acccttct		18
<210> 28		
<211> 27		
<212> DNA		
<213> HIV-2		
<400> 28		
aatttaatac gactcactat agggaga		27
<210> 29		
<211> 33		
<212> DNA		
<213> HIV-2		
<400> 29		
gaaattaataa cgactcacta tagggagacc aca		33
<210> 30		
<211> 30		
<212> RNA		
<213> HIV-2		
<400> 30		
gaaggguccu aacagaccag ggucuuguua		30
<210> 31		
<211> 53		
<212> DNA		
<213> HIV-2		
<400> 31		
ttcctgccgc ccttactgcc tttaaaaaaaaaaaaaaaaaaaa		53
<210> 32		
<211> 51		
<212> DNA		
<213> HIV-2		
<400> 32		
ttcctgccgc ccttactgtt taaaaaaaaaaaaaaaaaaa a		51
<210> 33		
<211> 16		
<212> DNA		
<213> HIV-2		
<400> 33		
aaagggtctt aacaga		16
<210> 34		

<211> 9  
<212> DNA  
<213> HIV-2

<400> 34

cgggcgcca

9



Creation date: 01-21-2004  
Indexing Officer: HNGUYEN13 - HIEU NGUYEN  
Team: OIPEBackFileIndexing  
Dossier: 10001407

Legal Date: 12-12-2001

No.	Doccode	Number of pages
1	CRFL	6

Total number of pages: 6

Remarks:

Order of re-scan issued on .....